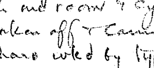
Notebook, PN-88-09-07

This pocket notebook was used by Edison in September 1888 for notes about experiments and tasks to be done. Many of the entries concern designs for phonographs and wax cylinders. The pages are unnumbered. Approximately 30 pages have been used.

Thin false shell 3/64 to put wax on then wax cylinder can be taken off & put on again without getting out truth this is for cases when one phono is in one room & cylinder taken off & carried to other phono used by type writer



perhaps plaster paris shell will do -

...perhaps open here -

perhaps split this prevent wax cracking

Pack wax cylinder in
Solid Kaolin & throw
on floor -

See about better belts.
or proper cement joint for
Leather also proper Leather
get some Silk tape,

See How long Condit Hanson
Cell works - Zinc inside -
Wide Carbon plates outside,
Have Kennelly test on
4 amperes, so as to
Compare with others.

~~Start~~
Have Payne Mould some
asphalt or other hard
Shells & see if he can
veneer them with wax
Req - so as to make them
less frangible & use cheaper
body from point where
Req wax stops. The
Hard Material must
have some Expansion -

Chloride Methyl
for Microbes

Dept 7 1888

Tomorrows work—

Design footmotion phono—

Make Exprmental demonstration
Reg'ltg field phono by hand
resistance with switch
to regulate speed—

Put squirter in my room

Payne make lot stuff up
& turned good lot new
cylinders—

Villard's Sample Cases
make 1 doz 1 for Sim—one for
Adams, Birkenbine, Villard
Dredge, Perry—Hix—one for
office—

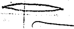
Gouraud's machines—
Contract 20 Recorders 20
Hand 20 Soft Reavers—
~~False shell plaster Paris~~

False shells $\overset{20}{80}$ for NY & Gouraud —

One good man on mailing Cylinders temporary supply

See if very soft cylinder of paper & ozokerite turned off true can be recorded on without previous turning off

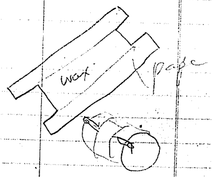
See if soft Ozokerite paper shell can be flattened

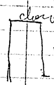


& then reproduced

find that old Rubber false cylinder & true it up

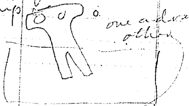
for turning cylinders outside
4 tools each taking slight
Chip & Separately adjustable



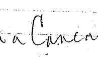


false shell
dip in wax
Spirit Lamp &
Reservoir

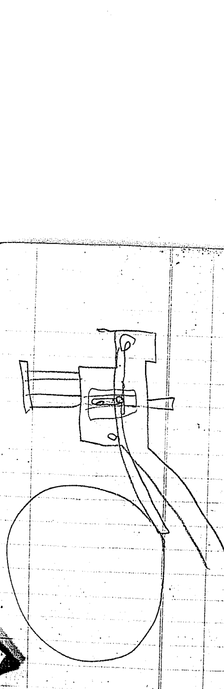
Have Fred make Cam
off Knife double Cut 2
Chips

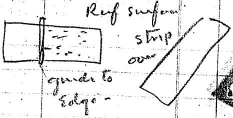

one advance
other

for centrice Marking Cyl



Write a Caveat on all
new things E.



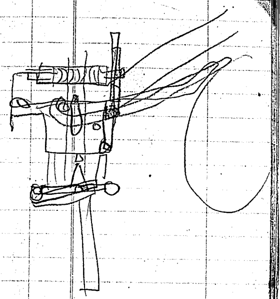

Ref surface
strip over
guide to
Edge -

See if an oil like Linseed or Hexachlorbenzine or asphalt will mix with molten sulphur to prevent it Crystallizing & thus make a Cylinder or perhaps Hard Rubber like material.

Mix Kaolin with japan wax or even softer material Oleate Lead etc to make a stuff like Rouge we used to sharpen points with,

510 000
236 000
720 000
1466000.
3) 488,000
978. 000
250 000
1228 000
123
14.

488 000
66 000
554 000
430 000
984.000



236

78000.

330 000

333

170000

578000

750

130

500

5

69000

75000

13

578.000

1330

770

660

931

975

125

750

500

625

90

0

875

9375

1

225000

51000

174.000

3

17

3

51

1770

44

7080

70800

77.8

174

236000

78600

157400

3 | 1770

590

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3 | 236

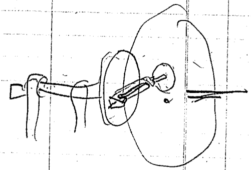
78666

6

4934

149

776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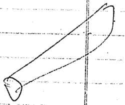
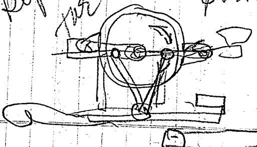
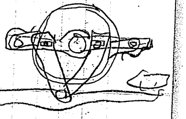
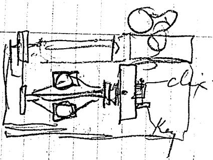


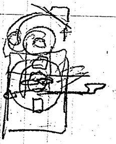
Sept 13 1888 Hand Motor for Disk phonogh—

JWR



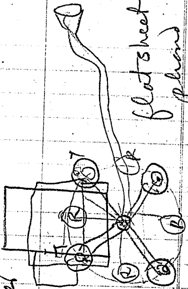






Sept 13 1888
TAE

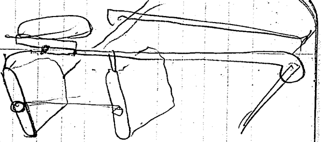
Take paper coat by pressure with Light substance by pressure or as paste which on drying leaves it soft + porous say Carbonate Magnesia etc then Coat with soft material like flexible Oleate + perhaps Little Stearate Lead. + indent without removing Stock



flat sheet
[illegible]

Sept 13 1888

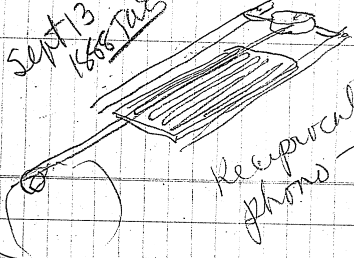
Eccentric phono—



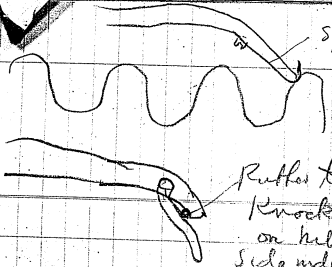
Sept 13 1888

TAE

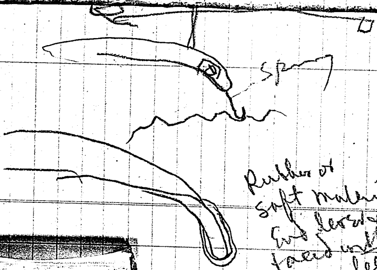
Sept 13 1888 TAE



Reciprocating phono—

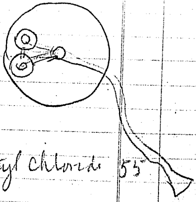

Spring Stop
Knock

Rubber to stop
Knock sound
on hitting
side indentation



Rubber or
soft material on
end of lever
faced with
steel

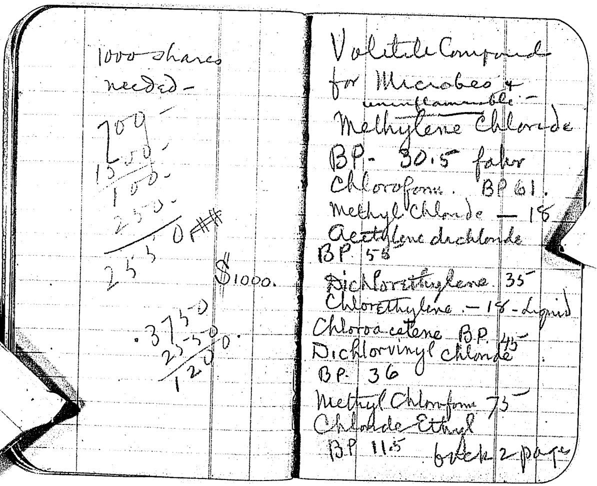
a-Chlorpropylene
BP 25
Allyl chloride 44
Methyl chloracetol,
Isopropyl Chloride 37
Propyl Chloride 40



Butyl Chloride 55

Try Chloride Zinc
glacial acetic a
Chromic a
Methyl Bromide 13
Bromethylene, Vinyl Bromide
ordinary impurities
Ethyl Bromide 40

Fibres artificial
Splendid stuf
Ulmic order sol Ether
etc made by acting
on Chloroform with
Methyl alcohol &
Sodium — great
Variety of Ulmic Cpds
by action other acids
See Methulmic acid
Watts 983 V4



1000 shares
needed -

700
1500
100
250

2550 #

$1000.

3750
2550
1200

Volitile Compound
for Microbes &
uninflammable -
Methylene Chloride
BP - 30.5 fahr
Chloroform. BP 61.
Methyl Chloride — 18
Acetylene dichloride
BP 55
Dichlorethylene 35
Chlorethylene - 18 - Liquid
Chloroacetene BP 45
Dichlorvinyl chloride
BP 36
Methyl Chloroform 75
Chloride Ethyl
BP 11.5 back 2 page

38000

1800000

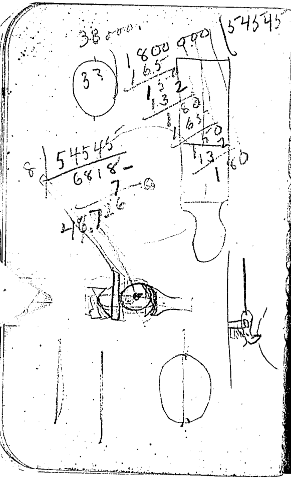
54545

33

165
132
13
80
165
150
2
13
160
1

8 | 54545
6818 — 7 — 6

26

487